

Walk-in Cold Room offers a wide range of Pre-Fabricated Cold Rooms or Combo (Chillers & Freezers) Rooms. Our Cold rooms are designed for special applications and special temperature control. As per demand of various industries, Institute, & Research Departments, We design Walk- in cold rooms that are widely used for chilling and freezing application. The user-friendly structure is a CFC-free refrigeration system, which facilitates efficient cooling, freezing of the chamber. Food safe and CFC free, these cold rooms are widely used for Institute, Food Processing unit and Pharmaceutical industry and Research & Development companies.

Cold Room Specification

- Are PUF Insulated, Highly Efficient & use very less electricity and we can
- Provide temperature range of 2°C to 8°C are very efficient in
- Temperature control by Digital Controller cum Indicators.
- Prefabricated & modular in construction
- Requires no additional building.
- Have very reasonable price & quick delivery period.
- Have long life solutions with cladding of pre-painted G.I / Stainless steel sheets.
- Can fully in worst ambient conditions.
- Are automatic temperature monitoring & easy operational

Temperature Range:-

- Cold Room -: 2 to 8 deg C (or any particular requirement)
- Freezer -: -10 to -20 deg C (or any particular requirement)

Floor Insulation Type:-

- PUF Sandwich Panels having Aluminum Checkered sheet with water proof ply, insides.
- PUF slabs with water proof sheets inside (Kota stone to be fixed by customer)

Insulation Material: -

- PUF (Polyurethane foam) which is the best quality & highly heat resistant material.

Special Cold Room Doors Available: -

- Flush type
- Overlap type
- Sliding type

TECHNICAL SPECIFICATION:-

- Refrigeration systems (Split Type) – Salient features & Detailed Specification:-
- Condensing Unit:- Using air-cooled Best Quality finned copper tube condensers, Axial flow fans, internally grooved tubes, high
- heat transfer area.
- Top Quality reputed make Compressors:- Hermetically sealed, low noise, less power Consumption, high performance, little
- vibration, wide voltage range, suitable for highest ambient conditions, full Warranty
- Temperature Control & indication: - Best Quality Subzero / Pixel make digital solid state temperature controller with s led.
- State electronic parts.
- Thimbles Connectors of top quality.



WALK IN COLD ROOM

- Ozone Friendly Refrigerants: - The refrigerant used in our system is ozone friendly & CFC free.

- Filter cum drier for refrigerant:- Dry-all make, It is incorporated in the systems lines to save the system from moisture
- Shut off valves of best quality are used
- Indoor/ Evaporating units:- Consisting of Body Stainless steel / PPGI As per Required
- Cooling Coils:- made out of best quality CU Tubes, CU tubes inner grooved, Aluminum fins, & Best design
- Fans :- High velocity, best quality, maximum air flow, Low Noise axial flow type/ blowers as required, suitable up to -65Deg.C.
- Electrical Connection:- Best quality components used for electrical connections
- Expansion devices of best quality & deafness /sporrans make are used Capillary for small systems.
- “National Industries” Control Panel:- All Controls are incorporated in this panel such as:-
 - Digital temperature controller cum indicator of reputed make
 - Contactors L&T or Schneider
 - Electrical wires of ISI best Quality

FEATURES:

- Wide Temperature range and capacity
- Pre-fabricated panels for easy assembly, cam lock with tongue and groove sections assembly.
- Food safe and CFC free refrigerants used.
- Micro-processor based electronic control panel board, digital temperature indicate
- Energy efficient refrigeration systems attuned to suit high ambient conditions.

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